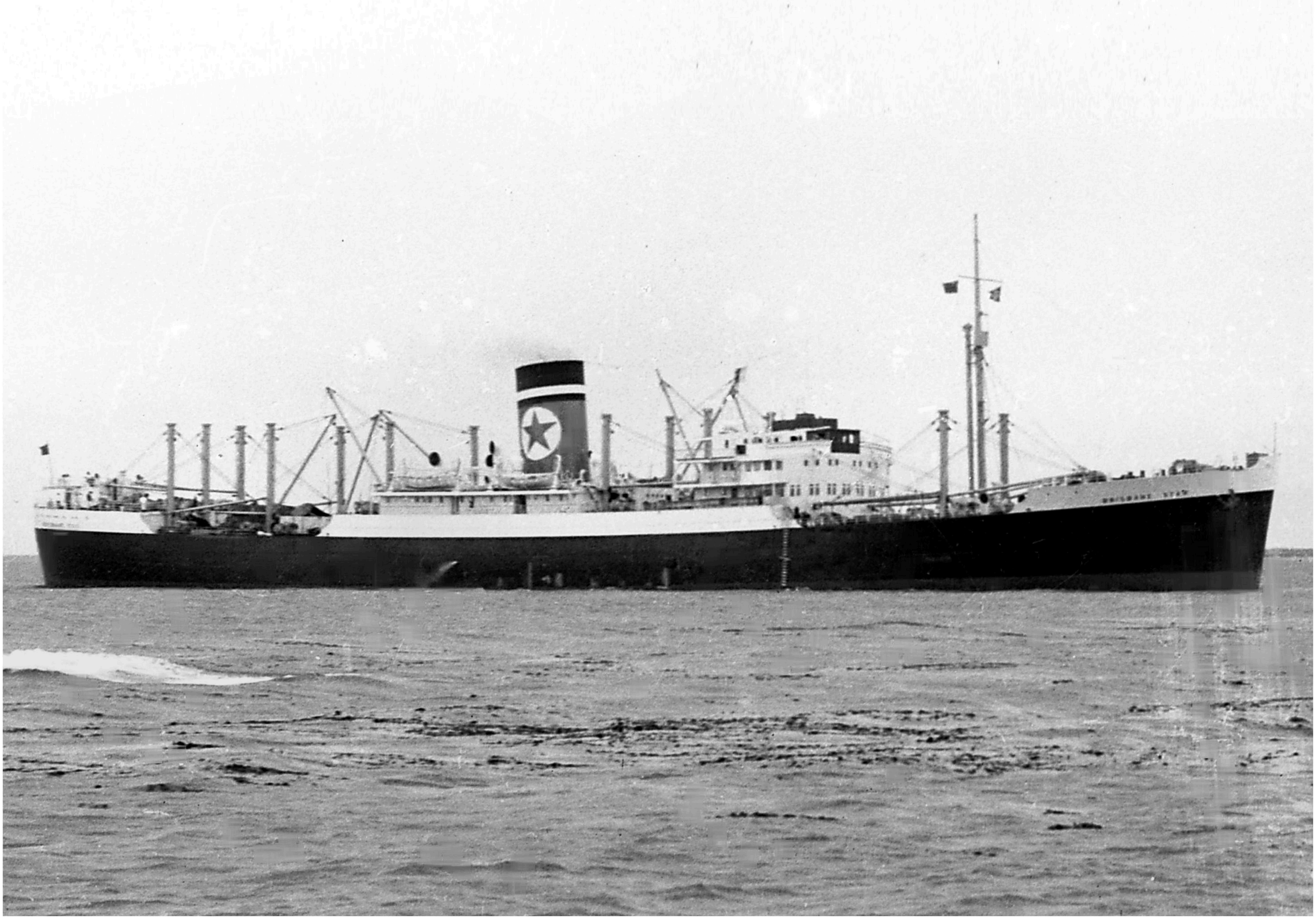
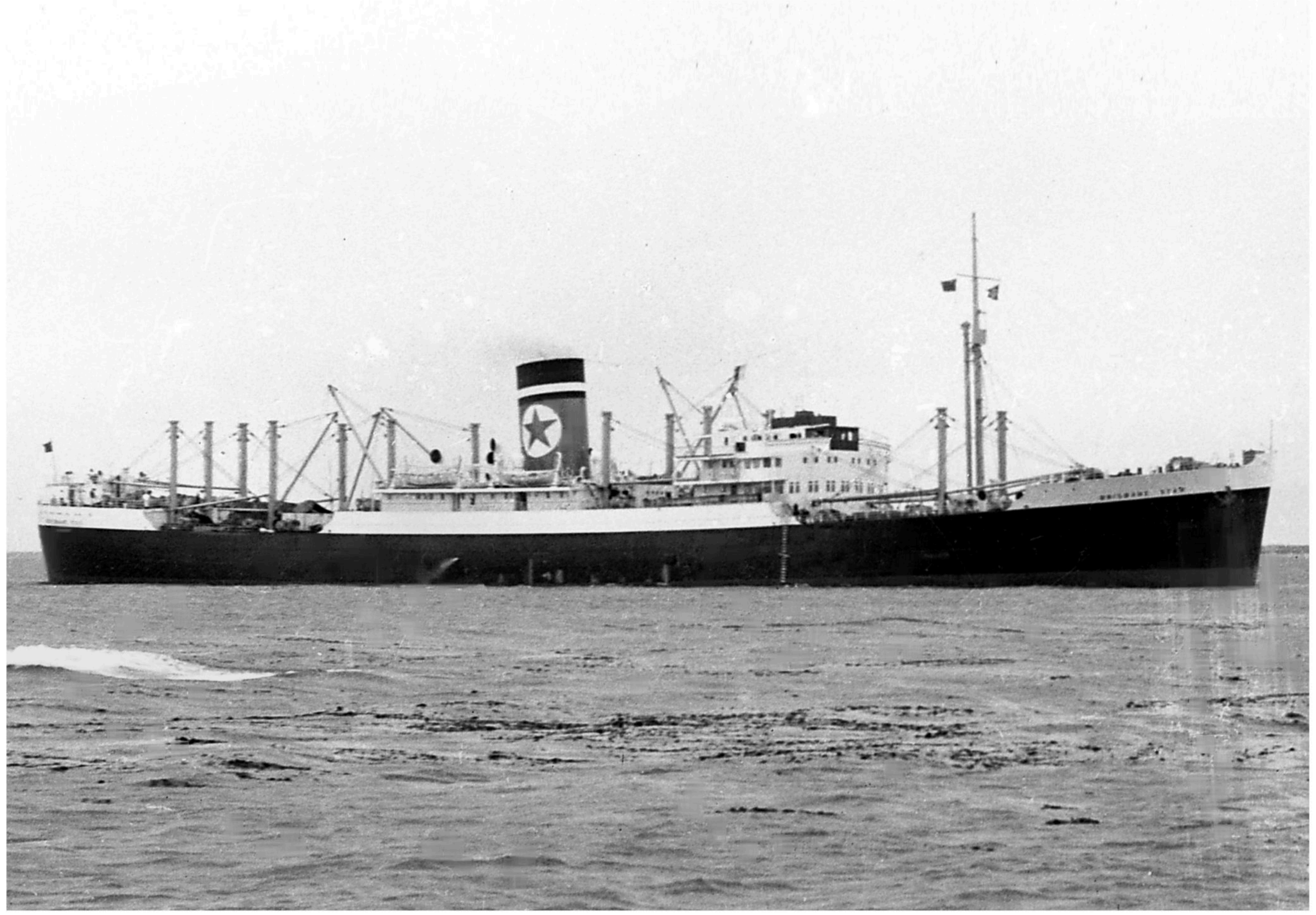
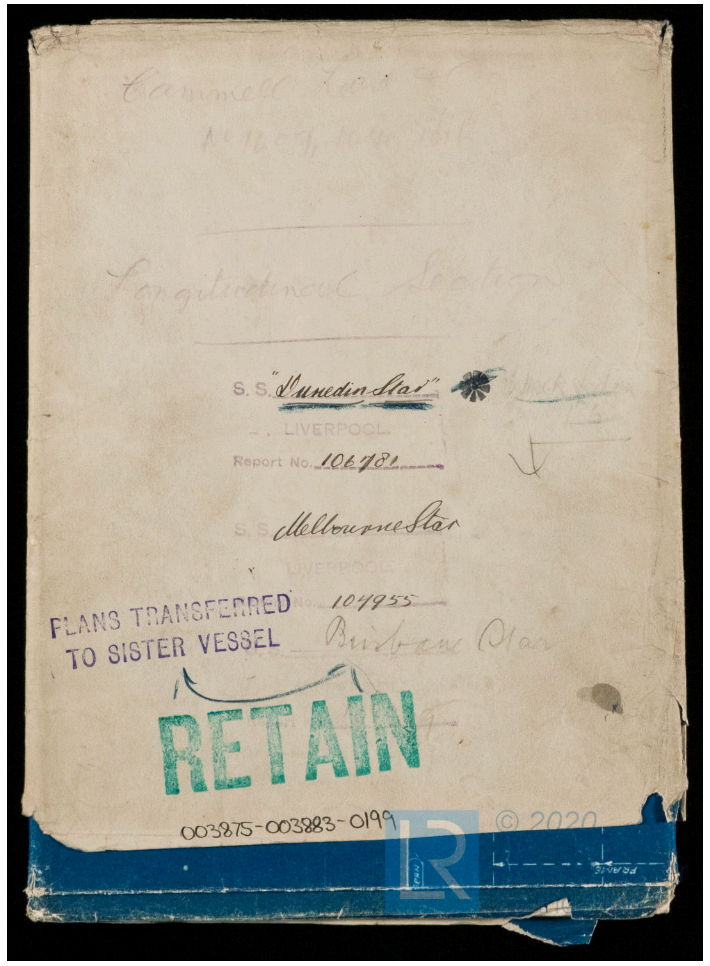

BRISBANE STAR



00 - cover photo



Cammell Laird

No 1009, 1014, 1016

Longitudinal Section

S. S. "Dunedin Star"
LIVERPOOL
Report No. 106781

S. S. Melbourne Star
LIVERPOOL
104955

PLANS TRANSFERRED
TO SISTER VESSEL

Brisbane Star

RETAIN

003875-003883-0199

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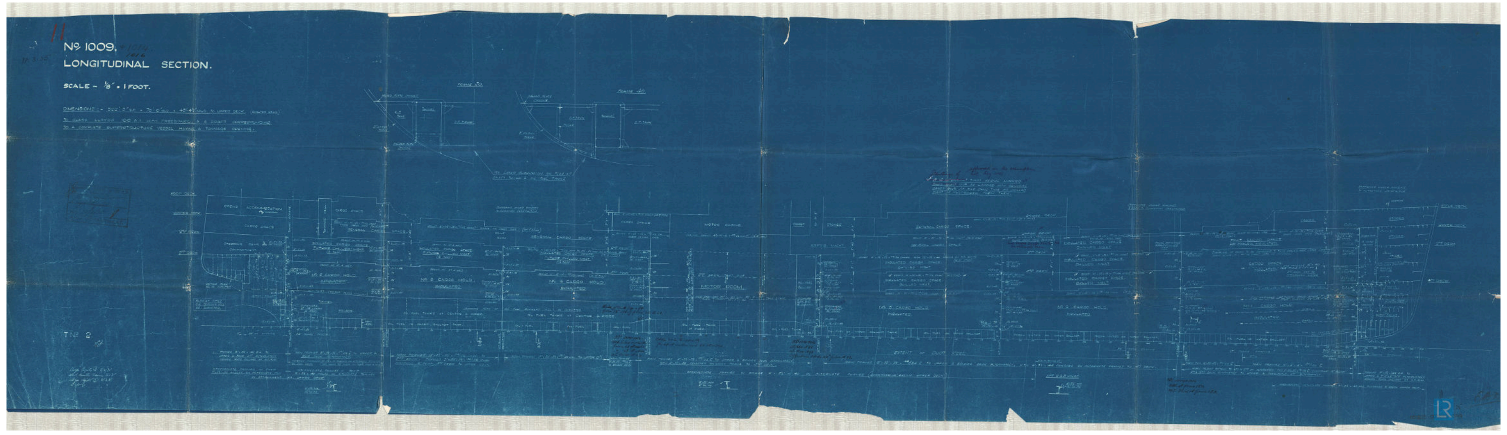
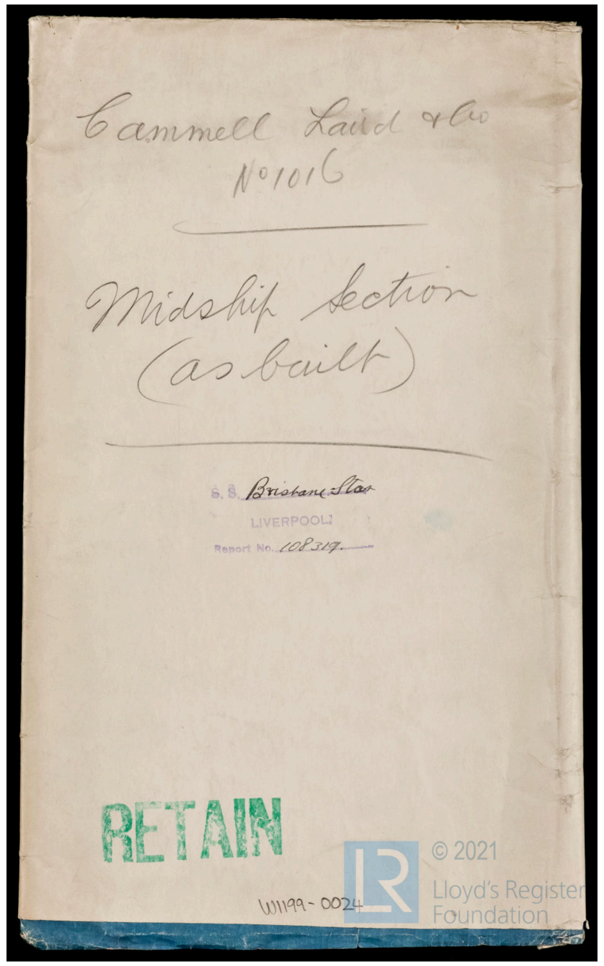
01 - cover sheet longitudinal section


No 1009. + 1014. 1016
LONGITUDINAL SECTION.
SCALE - 1/8" = 1 FOOT.

02 - longitudinal section



Cammell Laird & Co
No 1016

Midship Section
(as built)

S. S. Brisbane Star
LIVERPOOL
Report No. 108319.

RETAIN

W1199-0024

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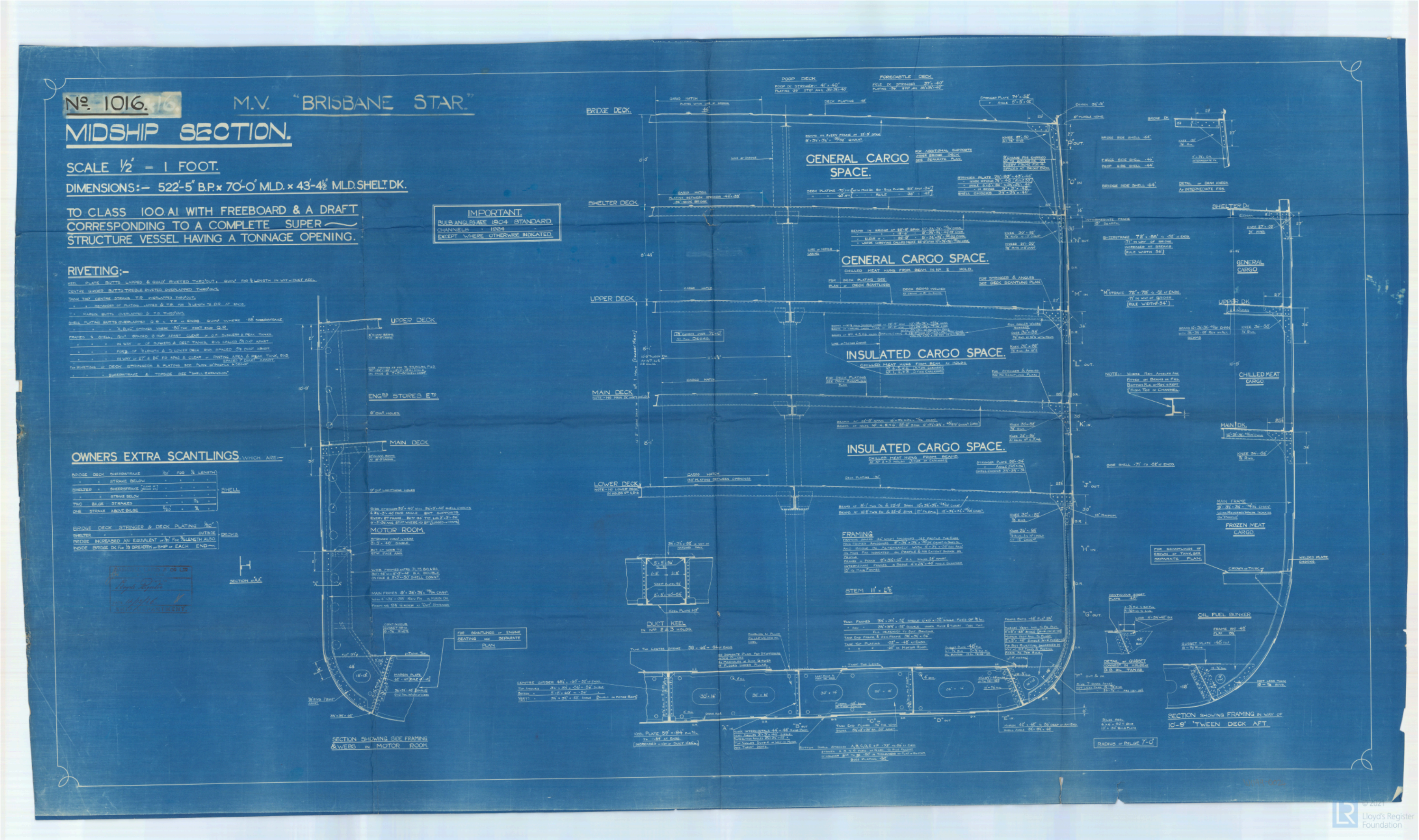
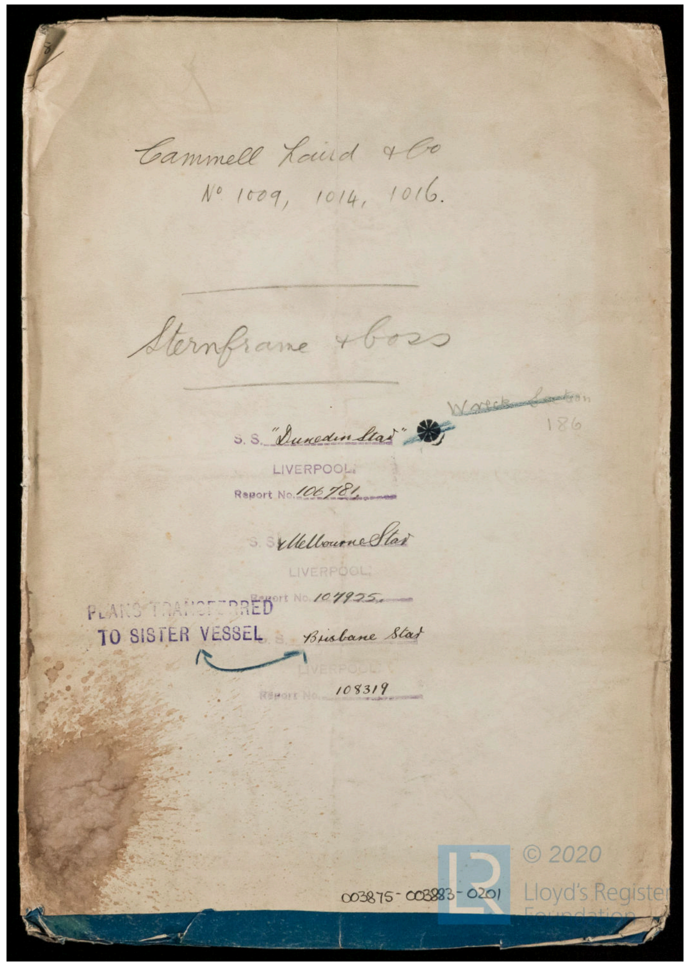
03 - cover sheet half midship section



Nº. 1016.
M.V. "BRISBANE STAR."
MIDSHIP SECTION.
SCALE ½" – 1 FOOT.
DIMENSIONS:– 522'-5" B.P. × 70'-0" MLD. × 43'-4½" MLD. SHELT. DK.
TO CLASS 100.A1. WITH FREEBOARD & A DRAFT CORRESPONDING TO A COMPLETE SUPER~ STRUCTURE VESSEL HAVING A TONNAGE OPENING.
IMPORTANT.
BULB ANGLES ARE 1904 STANDARD.
CHANNELS 1924
EXCEPT WHERE OTHERWISE INDICATED.
RIVETING;–
OWNERS EXTRA SCANTLINGS
BRIDGE DECK.
SHELTER DECK.
UPPER DECK
MAIN DECK
LOWER DECK
GENERAL CARGO SPACE.
GENERAL CARGO SPACE.
INSULATED CARGO SPACE.
INSULATED CARGO SPACE.

04 - half midship section



Cammell Laird & Co
Nº 1009, 1014, 1016.

Sternframe & boss

~~Wreck Section~~
186

S. S. "Dunedin Star"
LIVERPOOL.
Report No. 106781

S. S. Melbourne Star
LIVERPOOL.
Report No. 104955.

PLANS TRANSFERRED
TO SISTER VESSEL

S. S. Brisbane Star
LIVERPOOL.
Report No. 108319

003875-003883-0201

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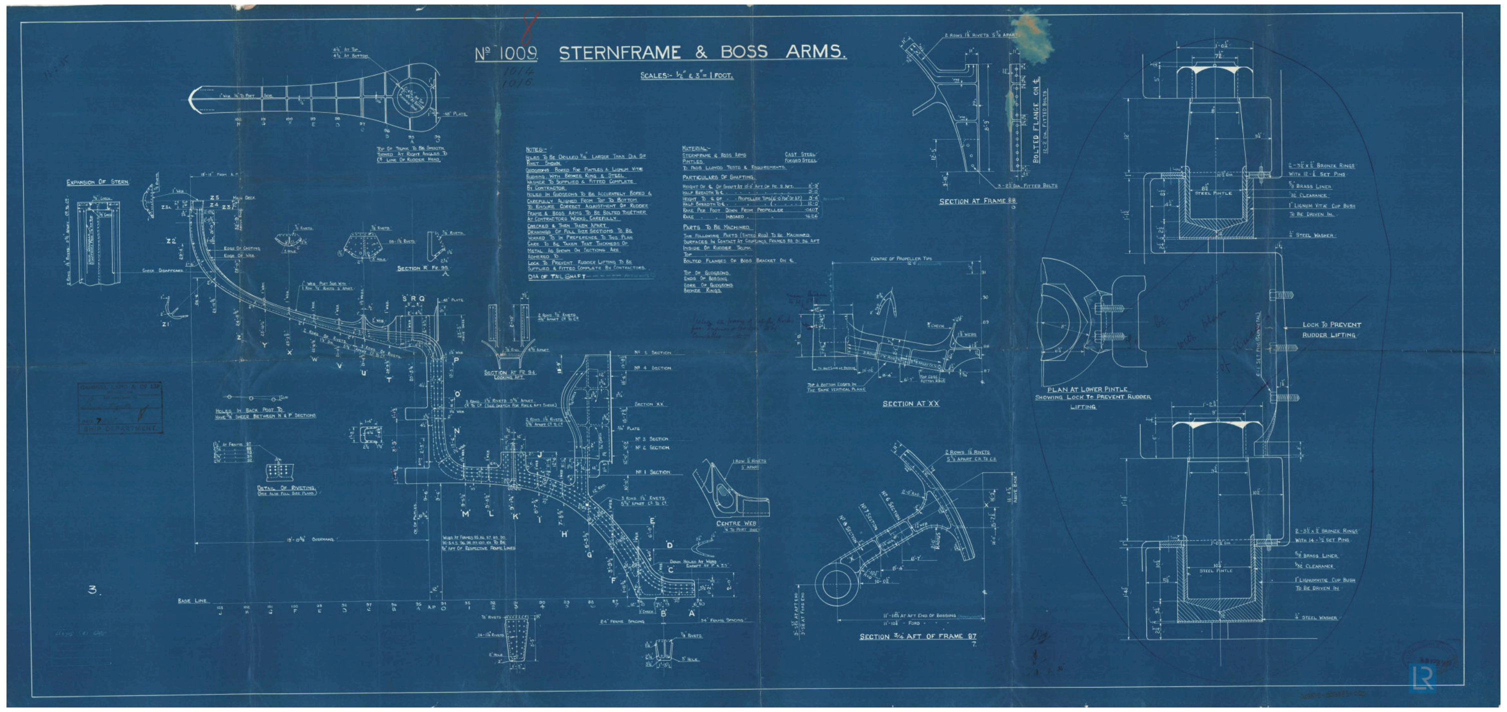
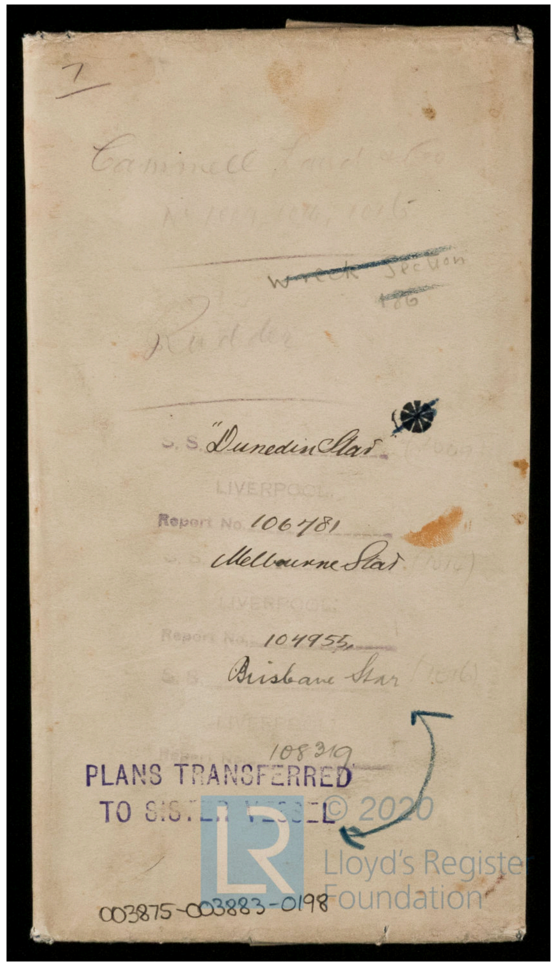
05 - cover sheet stern frame & boss arms



8
Nº 1009.
1014
1016
STERNFRAME & BOSS ARMS.
SCALES:- ½" & 3" = 1 FOOT.
NOTES:-
MATERIAL:-
STERNFRAME & BOSS ARMS CAST STEEL
PINTLES FORGED STEEL
TO PASS LLOYDS TESTS & REQUIREMENTS.
PARTICULARS OF SHAFTING.
SECTION AT XX
PLAN AT LOWER PINTLE
LOCK TO PREVENT RUDDER LIFTING

06 - stern frame & boss arms



7

Cammell Laird & Co
Nº 1009, 1014, 1016

~~Wreck~~ Section
~~186~~

Rudder

S. S. "Dunedin Star" (1009)
LIVERPOOL.
Report No. 106781

S. S. Melbourne Star (1014)
LIVERPOOL.
Report No. 104955.

S. S. Brisbane Star (1016)
LIVERPOOL.
Report No. 108319

PLANS TRANSFERRED
TO SISTER VESSEL

003875-003883-0198

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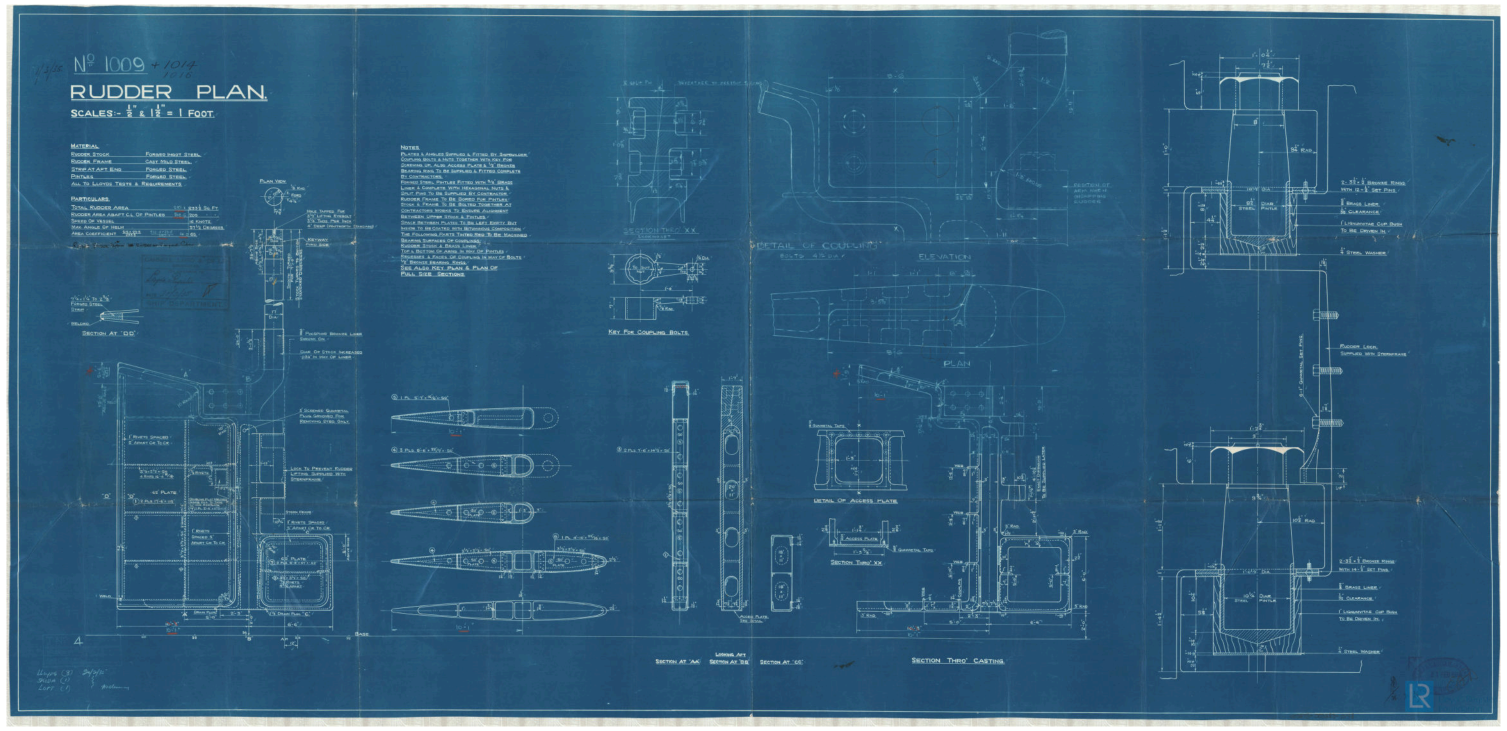
07 - cover sheet rudder


1/3/55.
Nº 1009 + 1014
1016
PLAN VIEW
HOLE TAPPED FOR 3½" LIFTING EYEBOLT 3¼ THDS PER INCH 4" DEEP (WHITWORTH STANDARD)
KEYWAY FORD SIDE
SMOOTH TURNED FOR
STOCK TURNED TO BRITISH STANDARD DIMENSIONS
⅜" PHOSPHOR BRONZE LINER SHRUNK ON
DIAM OF STOCK INCREASED ·039" IN WAY OF LINER
7¼ × 1¼" TO 2⅜" FORGED STEEL STRIP
WELDED
SECTION AT "DD"
SHIP DEPARTMENT
KEY FOR COUPLING BOLTS
ELEVATION
DETAIL OF COUPLING
DETAIL OF ACCESS PLATE
SECTION THRO' XX
SECTION AT "AA"
SECTION AT "BB"
SECTION AT "CC"
SECTION THRO' CASTING
RUDDER LUGS
LR

RUDDER PLAN.

SCALES:- ½" & 1½" = 1 FOOT.

MATERIAL.

RUDDER STOCK	FORGED INGOT STEEL.
RUDDER FRAME	CAST MILD STEEL.
STRIP AT AFT END	FORGED STEEL.
PINTLES	FORGED STEEL.

ALL TO LLOYDS TESTS & REQUIREMENTS.

PARTICULARS.

TOTAL RUDDER AREA	233½ SQ FT
RUDDER AREA ABAFT C.L. OF PINTLES	205
SPEED OF VESSEL	16 KNOTS.
MAX. ANGLE OF HELM	37½ DEGREES.
AREA COEFFICIENT	·65

NOTES.

PLATES & ANGLES SUPPLIED & FITTED BY SHIPBUILDER.
COUPLING BOLTS & NUTS TOGETHER WITH KEY FOR SCREWING UP, ALSO ACCESS PLATE & ½" BRONZE BEARING RING TO BE SUPPLIED & FITTED COMPLETE BY CONTRACTORS.
FORGED STEEL PINTLES FITTED WITH ⅝" BRASS LINER & COMPLETE WITH HEXAGONAL NUTS & SPLIT PINS TO BE SUPPLIED BY CONTRACTOR.
RUDDER FRAME TO BE BORED FOR PINTLES.
STOCK & FRAME TO BE BOLTED TOGETHER AT CONTRACTORS WORKS TO ENSURE ALIGNMENT BETWEEN UPPER STOCK & PINTLES.
SPACE BETWEEN PLATES TO BE LEFT EMPTY BUT INSIDE TO BE COATED WITH BITUMINOUS COMPOSITION.
THE FOLLOWING PARTS TINTED RED TO BE MACHINED.
BEARING SURFACES OF COUPLINGS.
RUDDER STOCK & BRASS LINER.
TOP & BOTTOM OF ARMS IN WAY OF PINTLES.
RECESSES & FACES OF COUPLING IN WAY OF BOLTS.
½" BRONZE BEARING RINGS.
SEE ALSO KEY PLAN & PLAN OF FULL SIZE SECTIONS.

08 - rudder